

American Scientist Annual Index, Volume 83, 1995

Articles

- Amabile-Cuevas, Carlos F., Maura Cárdenas-García and Mauricio Ludgar, *Antibiotic Resistance*, Jul., 320
- Borgia, Gerald, *Why Do Bowerbirds Build Bowers?*, Nov., 542
- de Duve, Christian, *The Beginnings of Life on Earth*, Sept., 428
- Denny, Mark, *Survival in the Surf Zone*, Mar., 166
- Chinsamy, Anusuya, and Peter Dodson, *Inside a Dinosaur Bone*, Mar., 174
- Emlen, Stephen T., Peter H. Wrege and Natalie Demong, *Making Decisions in the Family: An Evolutionary Perspective*, Mar., 148
- Gordon, Deborah M., *The Development of Organization in an Ant Colony*, Jan., 50
- Grossberg, Stephen, *The Attentive Brain*, Sept., 438
- Hajjar, David P., and Andrew C. Nicholson., *Atherosclerosis*, Sept., 460
- Hamill, Owen P., and Don W. McBride, Jr., *Mechanoreceptive Membrane Channels*, Jan., 30
- Heinrich, Bernd, and John Marzluff, *Why Ravens Share*, Jul., 342
- Hunt, Earl, *The Role of Intelligence in Modern Society*, Jul., 356
- Issar, Arie S., *Climatic Change and the History of the Middle East*, Jul., 350
- Korgen, Ben J., *Seiches*, Jul., 330
- Lewis, Michael, *Self-Conscious Emotions*, Jan., 68
- Lewis, Nathan, *Artificial Photosynthesis*, Nov., 534
- Menasco, William, and Lee Rudolph, *How Hard Is It to Untie a Knot?*, Jan., 38
- Murray, Cherry A., and David G. Grier, *Colloidal Crystals*, May, 238
- Peterson, David H., Daniel Cayan, Jeanne Dileo-Stevens, Marlene Noble and Michael Dettinger, *The Role of Climate in Estuarine Variability*, Jan., 58
- Saperstein, Alvin M., *War and Chaos*, Nov., 548
- Schmidt, Peter R., and S. Terry Childs, *Ancient African Iron Production*, Nov., 524
- Simmers, John, Pierre Meyrand and Maurice Moulins, *Dynamic Networks of Neurons*, May, 262
- Stanford, Craig B., *Chimpanzee Hunting Behavior*, May, 256
- Takahashi, Joseph S., and Michelle Hoffman, *Molecular Biological Clocks*, Mar., 158
- Till, John E., *Building Credibility in Public Studies*, Sept., 468
- Wasserman, Edward A., *The Conceptual Abilities of Pigeons*, May, 246
- White, William B., David C. Culver, Janet S. Herman, Thomas C. Kane and John E. Mylroie, *Karst Lands*, Sept., 450
- Wysession, Michael, *The Inner Workings of the Earth*, Mar., 134

Computing Science

- Hayes, Brian, *Waiting for 01-01-00*, Jan., 12
- Hayes, Brian, *A Computer with Its Head Cut Off*, Mar., 126
- Hayes, Brian, *Space-time on a Seashell*, May, 214
- Hayes, Brian, *The Origin of NOT*, Jul., 304

- Hayes, Brian, *Debugging Myself*, Sept., 404
- Hayes, Brian, *Pleasures of Plication*, Nov., 504

Engineering

- Petroski, Henry, *Soft Graphics*, Jan., 17
- Petroski, Henry, *Tower Bridge*, Mar., 121
- Petroski, Henry, *The Iron Ring*, May, 229
- Petroski, Henry, *Learning from Paper Clips*, Jul., 313
- Petroski, Henry, *Le Pont de Normandie*, Sept., 415
- Petroski, Henry, *The Boeing 777*, Nov., 519

Macroscopic

- Beckwith, Jon, *Villains and Heroes in the Culture of Science*, Nov., 510
- Goodstein, David, *Peer Review after the Big Crunch*, Sept., 401
- Gregory, Robin, James Flynn and Paul Slovic, *Technological Stigma*, May, 220
- Hubbard, Ruth, *Genomania and Health*, Jan., 8
- Parrish, Julia P., and P. Dee Boersma, *Muddy Waters*, Mar., 112
- Shipman, Pat, *One Woman's Life in Science*, Jul., 300

Marginalia

- Fernie, J. Donald, *The Neptune Affair*, Mar., 116
- Fernie, J. Donald, *The Great Debate*, Sept., 410
- Hoffmann, Roald, *Classical Democracy and Scientific Expertise*, Jan., 23
- Hoffmann, Roald, *C₂ in All Its Guises*, Jul., 309
- Thomson, Keith S., *Fitzroy and Darwin: The Odd Couple*, May, 224
- Thomson, Keith S., *Taxonomy*, Nov., 514

Science Observer

- Hoffman, Michelle, *An Open-and-Shut Case*, Mar., 131
- Hoffman, Michelle, *Gone Today, Hair Tomorrow*, Jan., 28
- Hoffman, Michelle, *Some Old Genes Just Won't Quit*, May, 235
- May, Mike, *Advancing Integrated Circuits*, Sept., 423
- May, Mike, *Outer-Space Art Restoration*, Jul., 318
- May, Mike, *Programmed Parking*, May, 237
- Penvenne, Laura Jean, *A Lack of Sound Communication*, May, 233
- Penvenne, Laura Jean, *A Reprieve for Weird Ophiolites*, Sept., 424
- Penvenne, Laura Jean, *Magnetic Walks and Supernova Shocks*, Jul., 317
- Reid, Rosalind, *Interacting Fields*, Jan., 27
- Schoonmaker, David, *Plutonium's Bad Rep*, Mar., 132
- Szpir, Michael, *Alcoholism, Personality and Dopamine*, Sept., 425
- Szpir, Michael, *Mind Viruses*, Jan., 26
- Szpir, Michael, *Of Viruses and Mood Disorders*, May, 236

Signals

- Grant, Peter R., *Commemorating Extinctions*, Sept., 420

Book Reviews (Major)

- Barsalou, Lawrence W., a review of *Rules of the Mind* by John R. Anderson, Mar., 185

- Brush, Stephen G., a review of *The Beat of a Different Drum: The Life and Science of Richard Feynman* by Jagdish Mehra, Sept., 476

- Cook, Harold J., a review of *A Social History of Truth: Civility and Science in Seventeenth-Century England* by Steven Shapin, May, 271

- Crawford, Michael H., a review of *The History and Geography of Human Genes* by L. Luca Cavalli-Sforza, Paolo Menozzi and Alberto Piazza, Jul., 371

- Delson, Eric, a review of *The Nariokotome Homo erectus Skeleton* by Alan Walker and Richard Leakey, Mar., 183

- Esainko, Peter, a review of *Einstein, History, and Other Passions* by Gerald Holton, Sept., 475

- Grossberg, Stephen, a review of *The Astonishing Hypothesis: The Scientific Search for the Soul* by Francis Crick, Jan., 79

- Karr, Alan F., a review of *Tainted Truth: The Manipulation of Fact in America* by Cynthia Crossen, Sept., 477

- Kunkel, Kenneth E., a review of *The Tornado: Its Structure, Dynamics, Prediction, and Hazards* by C. Church, D. Burgess, C. Doswell and R. Davies-Jones, Jul., 370

- Matzner, Richard, a review of *The Vindication of the Big Bang: Breakthroughs and Barriers* by Barry Parker, Jan., 82

- May, Mike, a review of *The Cognitive Neurosciences* by Michael S. Gazzaniga, Sept., 474

- Myers, Chris, a review of *Sundew Strangers: Plants That Eat Insects* by Jerome Wexler; *Hunter in the Snow: The Lynx* by Susan Bonners; *Penguin: A Season in the Life of an Adélie Penguin* by Spencer Lloyd Davis; *Bats, Bugs, and Biodiversity* by Susan Goodman; *Outside and Inside Snakes* by Susan Markle; *In the Air and Everywhere* by Jody Marshall; and *The Rajah's Rice* by David Barry, Nov., 558

- Nichols, Rodney W., a review of *The Elusive Transformation: Science, Technology, and the Evolution of International Politics*, Jan., 80

- Rial, J. A., a review of *Mathematics: The Science of Patterns* by Keith Devlin, Jul., 369

- Tribble, Jane and Gordon, a review of *Baru Bay, Australia* by Bob Weir and Wendy Weir; *Swimmer* by Shelley Gill and Shannon Cartwright; *When Hunger Calls* by Bert Kitchen; *The Red Poppy* by Irmgard Lucht; and *Extra Cheese, Please! Mozzarella's Journey from Cow to Pizza* by Cris Peterson and Alvis Uptis, Nov., 560

- Van Valen, Leigh M., a review of *Basic Questions in Paleontology: Geologic Time, Organic Evolution, and Biological Systematics* by Otto H. Schindewolf, May, 270

- Wilson, David L., a review of *How the Self Controls Its Brain* by John C. Eccles; and *Shadows of the Mind: A Search for the Missing Science of Consciousness* by Roger Penrose, May, 269

- Winterhalder, Bruce, a review of *A View to a Death in the Morning* by Matt Cartmill, Mar., 181

American Scientist Annual Index, Volume 83, 1995

Articles

- Amabile-Cuevas, Carlos F., Maura Cárdenas-García and Mauricio Ludgar, *Antibiotic Resistance*, Jul., 320
- Borgia, Gerald, *Why Do Bowerbirds Build Bowers?*, Nov., 542
- de Duve, Christian, *The Beginnings of Life on Earth*, Sept., 428
- Denny, Mark, *Survival in the Surf Zone*, Mar., 166
- Chinsamy, Anusuya, and Peter Dodson, *Inside a Dinosaur Bone*, Mar., 174
- Emlen, Stephen T., Peter H. Wrege and Natalie Demong, *Making Decisions in the Family: An Evolutionary Perspective*, Mar., 148
- Gordon, Deborah M., *The Development of Organization in an Ant Colony*, Jan., 50
- Grossberg, Stephen, *The Attentive Brain*, Sept., 438
- Hajjar, David P., and Andrew C. Nicholson, *Atherosclerosis*, Sept., 460
- Hamill, Owen P., and Don W. McBride, Jr., *Mechanoreceptive Membrane Channels*, Jan., 30
- Heinrich, Bernd, and John Marzluff, *Why Ravens Share*, Jul., 342
- Hunt, Earl, *The Role of Intelligence in Modern Society*, Jul., 356
- Issar, Arie S., *Climatic Change and the History of the Middle East*, Jul., 350
- Korgen, Ben J., *Seiches*, Jul., 330
- Lewis, Michael, *Self-Conscious Emotions*, Jan., 68
- Lewis, Nathan, *Artificial Photosynthesis*, Nov., 534
- Menasco, William, and Lee Rudolph, *How Hard Is It to Untie a Knot?*, Jan., 38
- Murray, Cherry A., and David G. Grier, *Colloidal Crystals*, May, 238
- Peterson, David H., Daniel Cayan, Jeanne Dileo-Stevens, Marlene Noble and Michael Dettinger, *The Role of Climate in Estuarine Variability*, Jan., 58
- Saperstein, Alvin M., *War and Chaos*, Nov., 548
- Schmidt, Peter R., and S. Terry Childs, *Ancient African Iron Production*, Nov., 524
- Simmers, John, Pierre Meyrand and Maurice Moulins, *Dynamic Networks of Neurons*, May, 262
- Stanford, Craig B., *Chimpanzee Hunting Behavior*, May, 256
- Takahashi, Joseph S., and Michelle Hoffman, *Molecular Biological Clocks*, Mar., 158
- Till, John E., *Building Credibility in Public Studies*, Sept., 468
- Wasserman, Edward A., *The Conceptual Abilities of Pigeons*, May, 246
- White, William B., David C. Culver, Janet S. Herman, Thomas C. Kane and John E. Mylroie, *Karst Lands*, Sept., 450
- Wysession, Michael, *The Inner Workings of the Earth*, Mar., 134

Computing Science

- Hayes, Brian, *Waiting for 01-01-00*, Jan., 12
- Hayes, Brian, *A Computer with Its Head Cut Off*, Mar., 126
- Hayes, Brian, *Space-time on a Seashell*, May, 214
- Hayes, Brian, *The Origin of NOT*, Jul., 304

- Hayes, Brian, *Debugging Myself*, Sept., 404
- Hayes, Brian, *Pleasures of Plication*, Nov., 504

Engineering

- Petroski, Henry, *Soft Graphics*, Jan., 17
- Petroski, Henry, *Tower Bridge*, Mar., 121
- Petroski, Henry, *The Iron Ring*, May, 229
- Petroski, Henry, *Learning from Paper Clips*, Jul., 313
- Petroski, Henry, *Le Pont de Normandie*, Sept., 415
- Petroski, Henry, *The Boeing 777*, Nov., 519

Macroscopic

- Beckwith, Jon, *Villains and Heroes in the Culture of Science*, Nov., 510
- Goodstein, David, *Peer Review after the Big Crunch*, Sept., 401
- Gregory, Robin, James Flynn and Paul Slovic, *Technological Stigma*, May, 220
- Hubbard, Ruth, *Genomania and Health*, Jan., 8
- Parrish, Julia P., and P. Dee Boersma, *Muddy Waters*, Mar., 112
- Shipman, Pat, *One Woman's Life in Science*, Jul., 300

Marginalia

- Fernie, J. Donald, *The Neptune Affair*, Mar., 116
- Fernie, J. Donald, *The Great Debate*, Sept., 410
- Hoffmann, Roald, *Classical Democracy and Scientific Expertise*, Jan., 23
- Hoffmann, Roald, *C₂ in All Its Guises*, Jul., 309
- Thomson, Keith S., *Fitzroy and Darwin: The Odd Couple*, May, 224
- Thomson, Keith S., *Taxonomy*, Nov., 514

Science Observer

- Hoffman, Michelle, *An Open-and-Shut Case*, Mar., 131
- Hoffman, Michelle, *Gone Today, Hair Tomorrow*, Jan., 28
- Hoffman, Michelle, *Some Old Genes Just Won't Quit*, May, 235
- May, Mike, *Advancing Integrated Circuits*, Sept., 423
- May, Mike, *Outer-Space Art Restoration*, Jul., 318
- May, Mike, *Programmed Parking*, May, 237
- Penvenne, Laura Jean, *A Lack of Sound Communication*, May, 233
- Penvenne, Laura Jean, *A Reprieve for Weird Ophiolites*, Sept., 424
- Penvenne, Laura Jean, *Magnetic Walks and Supernova Shocks*, Jul., 317
- Reid, Rosalind, *Interacting Fields*, Jan., 27
- Schoonmaker, David, *Plutonium's Bad Rep*, Mar., 132
- Szpir, Michael, *Alcoholism, Personality and Dopamine*, Sept., 425
- Szpir, Michael, *Mind Viruses*, Jan., 26
- Szpir, Michael, *Of Viruses and Mood Disorders*, May, 236

Signals

- Grant, Peter R., *Commemorating Extinctions*, Sept., 420

Book Reviews (Major)

- Barsalou, Lawrence W., a review of *Rules of the Mind* by John R. Anderson, Mar., 185

- Brush, Stephen G., a review of *The Beat of a Different Drum: The Life and Science of Richard Feynman* by Jagdish Mehra, Sept., 476

- Cook, Harold J., a review of *A Social History of Truth: Civility and Science in Seventeenth-Century England* by Steven Shapin, May, 271

- Crawford, Michael H., a review of *The History and Geography of Human Genes* by Luca Cavalli-Sforza, Paolo Menozzi and Alberto Piazza, Jul., 371

- Delson, Eric, a review of *The Nariokotome Homo erectus Skeleton* by Alan Walker and Richard Leakey, Mar., 183

- Esainko, Peter, a review of *Einstein, History, and Other Passions* by Gerald Holton, Sept., 475

- Grossberg, Stephen, a review of *The Astonishing Hypothesis: The Scientific Search for the Soul* by Francis Crick, Jan., 79

- Karr, Alan F., a review of *Tainted Truth: The Manipulation of Fact in America* by Cynthia Crossen, Sept., 477

- Kunkel, Kenneth E., a review of *The Tornado: Its Structure, Dynamics, Prediction, and Hazards* by C. Church, D. Burgess, C. Doswell and R. Davies-Jones, Jul., 370

- Matzner, Richard, a review of *The Vindication of the Big Bang: Breakthroughs and Barriers* by Barry Parker, Jan., 82

- May, Mike, a review of *The Cognitive Neurosciences* by Michael S. Gazzaniga, Sept., 474

- Myers, Chris, a review of *Sundew Strangers: Plants That Eat Insects* by Jerome Wexler; *Hunter in the Snow: The Lynx* by Susan Bonners; *Penguin: A Season in the Life of an Adélie Penguin* by Spencer Lloyd Davis; *Bats, Bugs, and Biodiversity* by Susan Goodman; *Outside and Inside Snakes* by Susan Markle; *In the Air and Everywhere* by Jody Marshall; and *The Rajah's Rice* by David Barry, Nov., 558

- Nichols, Rodney W., a review of *The Elusive Transformation: Science, Technology, and the Evolution of International Politics*, Jan., 80

- Rial, J. A., a review of *Mathematics: The Science of Patterns* by Keith Devlin, Jul., 369

- Tribble, Jane and Gordon, a review of *Baru Bay, Australia* by Bob Weir and Wendy Weir; *Swimmer* by Shelley Gill and Shannon Cartwright; *When Hunger Calls* by Bert Kitchen; *The Red Poppy* by Irmgard Lucht; and *Extra Cheese, Please! Mozzarella's Journey from Cow to Pizza* by Cris Peterson and Alvis Uptis, Nov., 560

- Van Valen, Leigh M., a review of *Basic Questions in Paleontology: Geologic Time, Organic Evolution, and Biological Systematics* by Otto H. Schindewolf, May, 270

- Wilson, David L., a review of *How the Self Controls Its Brain* by John C. Eccles; and *Shadows of the Mind: A Search for the Missing Science of Consciousness* by Roger Penrose, May, 269

- Winterhalder, Bruce, a review of *A View to a Death in the Morning* by Matt Cartmill, Mar., 181

